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| Form PTO-1449 (REV. 8-83) | | U.S. Department of Commerce Patent and Trademark Office | | Atty. Docket: 0492611-0364 (MIT 8616) | | In re Application No. 09/495,278 | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | Applicant: Ameer et al. | | | |
| | | | | Filing Date: January 31, 2000 | | Group: 1615 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| Examiner's Initials | U.S. Patent No. | Applicant | Issue Date | | Class | Subclass | |
| fu | 5,739,176 | Dunn et al., | April 14, 1998 | | 523 | 113 | |
| U.S. PATENT APPLICATIONS | | | | | | | |
| Examiner's Initials: | Serial Number: | Applicant: | Filing Date: | | Group: | Art Unit: | |
| | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| Examiner's Initials | Document No. | Country | Date | | Translation | | |
| | | | | | Yes | No | |
| fu | DE 33 12 424 | Germany | 11 October 1984 | | | | |
| OTHER DOCUMENTS | | | | | | | |
| Examiner's Initials | Citation (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | |
| fu | The International Search Report. | | | | | | |
| | Hill-West et al., "Prevention of Postoperative Adhesions in the Rat by Situ Photopolymerization of Bioresorbable Hydrogel Barriers", <i>Obstetrics & Gynecology</i> , 83(1): 59-64, 1994. | | | | | | |
| fu | Kathmann et al., "Water-Soluble Copolymers, 67. Polyelectrolytes of N-Vinylformamide with Sodium 3-Acrylamido-3-Methylbutanoate, Sodium 2-Acrylamido-2-Methylpropanesulfonate, and Sodium Acrylate: Synthesis and Characterization", <i>Macromolecules</i> , 29: 5268-5272, 1996. | | | | | | |

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U. S. PATENT DOCUMENTS

| Examiner's Initials | U.S. Patent No. | Applicant | Issue Date | Class | Subclass |
|------------------------|-----------------|------------------------|------------------|-------|----------|
| <i>lu</i> | 08/862,740 | Langer <i>et al.</i> | — | — | — |
| | 3,997,497 | Itoh <i>et al.</i> | Dec. 14, 1976 | 260 | 46.5 G |
| | 4,379,864 | Gallop <i>et al.</i> | April 12, 1983 | 523 | 106 |
| | 4,622,371 | McDaniel | Nov. 11, 1986 | 526 | 117 |
| | 4,638,040 | Hammar | January 20, 1987 | 526 | 245 |
| | 4,789,547 | Song <i>et al.</i> | Dec. 6, 1988 | 424 | 449 |
| | 4,938,763 | Dunn <i>et al.</i> | July 3, 1990 | 604 | 891.1 |
| | 5,278,201 | Dunn <i>et al.</i> | January 11, 1994 | 523 | 113 |
| | 5,278,202 | Dunn <i>et al.</i> | January 11, 1994 | 523 | 113 |
| | 5,340,849 | Dunn <i>et al.</i> | August 23, 1994 | 523 | 113 |
| | 5,410,016 | Hubbell <i>et al.</i> | April 25, 1995 | 528 | 354 |
| | 5,618,800 | Kabra <i>et al.</i> | April 8, 1997 | 514 | 57 |
| | 5,626,863 | Hubbell <i>et al.</i> | May 6, 1997 | 424 | 426 |
| | 5,702,717 | Cha <i>et al.</i> | Dec. 30, 1997 | 424 | 425 |
| | 5,733,950 | Dunn <i>et al.</i> | March 31, 1998 | 523 | 113 |
| | 5,736,152 | Dunn | April 7, 1998 | 424 | 426 |
| | 5,739,176 | Dunn <i>et al.</i> | April 14, 1998 | 523 | 113 |
| | 5,741,542 | Williams <i>et al.</i> | April 21, 1998 | 427 | 208.4 |
| | 5,744,153 | Yewey <i>et al.</i> | April 28, 1998 | 424 | 426 |
| <i>lu</i> | 5,759,563 | Yewey <i>et al.</i> | June 2, 1998 | 424 | 426 |

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January 31, 2000

Group: 1615

| | | | | | |
|-----------|-----------|-----------------------|------------------|-----|-----|
| <i>ju</i> | 5,834,274 | Hubbell <i>et al.</i> | Nov. 10, 1998 | 435 | 177 |
| 1 | 5,843,743 | Hubbell <i>et al.</i> | Dec. 1, 1998 | 435 | 177 |
| <i>ju</i> | 5,858,746 | Hubbell <i>et al.</i> | January 12, 1999 | 435 | 177 |

FOREIGN PATENT DOCUMENTS

| Examiner's Initials | Document No. | Country | Date | Translation | |
|------------------------|--------------|---------|------------------|-------------|----|
| | | | | Yes | No |
| <i>ju</i> | WO 94/25080 | PCT | 10 November 1994 | | |

Examiner's
Initials

**OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages, *Etc.*)**

| | |
|-----------|--|
| <i>ju</i> | Elisseff, <i>et al.</i> , "Transdermal Photopolymerization for Minimally Invasive Implantation" <i>Proc. Natl. Acad. Sci. USA</i> 96(6):3104-3107, 1999. |
| | Langer, R. "1994 Whitaker Lecture: Polymers for Drug Delivery and Tissue Engineering" <i>Ann. Biomed Eng.</i> 23(2):101-111, 1995. |
| | Peter, <i>et al.</i> , "Polymer Concepts in Tissue Engineering" <i>J. Biomed. Mater. Res.</i> 43(4):422-427, 1998. |
| | Potts, <i>et al.</i> , "Transdermal Drug Delivery: Useful Paradigms" <i>J. Drug Target</i> 3(4):247-251, 1995. |
| | Sims, <i>et al.</i> , "Injectable Cartilage Using Polyethylene Oxide Polymer Substrates" <i>Plastic Reconstructive Surgery</i> 98:843-850, 1996. |
| | Technical Information on VA-044, Wako Pure Chemical Industries, Ltd., Japan, 1-8. |
| <i>ju</i> | Technical Information on VA-50, Wako Pure Chemical Industries, Ltd., Japan, 1-21. |

EXAMINER

Walter Lynn

DATE CONSIDERED

6/4/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Walter Lynn